

Engineering X
File. 1967 Annual Water Program

Regional Director, BSF&W, Mpls. 8, Minn.

November 15, 1967

Refuge Manager, Tewaukon Refuge
Cayuga, North Dakota

Amendment to Annual Water Program

Our 1967 Annual Water Program did not spell out winter levels of pools. We feel that some of our pools should be drawn down and Lake Tewaukon raised.

Lake Tewaukon is now at 1145.35. We can use all the water that can be released into it to prevent a winter kill. Last winter it was at 1145.70 and the oxygen content remained high. A rough calculation is that if we drawdown most of our upstream pools, we can add nearly 1,000 acre feet of water or about 1 foot to Tewaukon. Partial drawdowns of Pools 2, 11, and 12 have already added 0.2'.

Clouds Lake (Pool 8) is now at 1175.30. It was partially drawn lower to flood millet in Pool 7. About 0.8' of water could be drained out to put in Lake Tewaukon. The water has been released from field flooding in Pool 7 and sent into Tewaukon.

Pool 7E is in partial drawdown; 5 and 6 are full; 3A and 2A are in drawdown; 4 is dry; and some water is now stored in Pool 3 for muskrats. We want to keep some there.

I believe we should draw pools 2, 11 and 12 down as far as they will go to induce a winter kill of fish and to prevent a winter kill in Lake Tewaukon by adding water there.

If Pool 12 does not draw down entirely, I propose to have it seined and put any game fish in Tewaukon. We should eliminate the fish there, because it is now quite muddy and barren. Aerial photos show this. If it does not appear likely to winter kill, I believe chemical eradication should be used. We must develop a carp barrier for Dam 12, and I am confident we can do so.

If you concur in these proposals for drawdown, we will begin as soon as we hear from you. About 3,500 blue and snow geese and 700 Canadas now remain, but only about 3,000 ducks.

Herbert G. Troester

Manager, Tewaukon National Wildlife
Refuge, Cayuga, North Dakota

November 22, 1967

Assistant Regional Supervisor, Division of
Wildlife Refuges, Minneapolis, Minnesota

In reply refer to: RF

Annual Water Program, 1967 - Amendment #1

We have no objections to your proposed drawdowns for winter in
Pools 2, 11 and 12 or the raising of Lake Tewaukon one foot for the
winter period.

In your program for 1968 you should consider reducing the level of
Lake Tewaukon in summer to prevent bank erosion on the west side.
Results and effects of previous manipulations should be documented so
we can be guided in pool level management.

Your proposals submitted November 15 are approved.

Edward J. Smith

EJSmith:mc 11-22-67

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11-22-67

<input checked="" type="checkbox"/>	Carpenter
<input type="checkbox"/>	Smith
<input type="checkbox"/>	Stiles
<input type="checkbox"/>	Aultfather
<input type="checkbox"/>	Crozier
<input type="checkbox"/>	Dill
<input type="checkbox"/>	Dundas
<input checked="" type="checkbox"/>	Roanings
<input type="checkbox"/>	Winship